

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/001045

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ H04B1/69-1/713, H04J13/00-13/06Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/30025 A1 (NOKIA TELECOMMUNICATIONS OY), 22 December, 1994 (22.12.94), Full text; Fig. 2 & JP 9-501547 A & JP 3162400 B2 & FI 9302605 A & AU 9468466 A & AU 0680912 B & EP 0739575 A1 & EP 0739575 B1 & CN 1125032 A & US 5684793 A & DE 69420150 E & NO 9504958 A	1-6
X	JP 2000-232430 A (NEC Corp.), 22 August, 2000 (22.08.00), Full text; Figs. 1, 2 & EP 1028540 A2 & BR 200000493 A & CN 1263390 A & KR 2000071333 A & KR 364035 B	1-6

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
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- "E" earlier application or patent but published on or after the international filing date
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
02 April, 2004 (02.04.04)Date of mailing of the international search report
20 April, 2004 (20.04.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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PCT/JP2004/001045

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2002-300087 A (Mitsubishi Electric Corp.), 11 October, 2002 (11.10.02), Full text; all drawings & WO 02/82680 A1 & JP 3468224 B2 & EP 1376887 A1	1-6